

## Product datasheet for PH308425

### TSEN54 (NM\_207346) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	TSEN54 MS Standard C13 and N15-labeled recombinant protein (NP_997229)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208425
Predicted MW:	58.6 kDa
Protein Sequence:	>RC208425 representing NM_207346 Red=Cloning site Green=Tags(s)

MEPEPEPAAVEVPAGRVLSARELFAARSRSQKLPQRSHGPKDFLPDGSAAQAERLRRCREELWQLLAEQR  
VERLGSLVAAEWRPEEGFVELKSPAGKFWQTMGFSEQGRQLRHPEEALYLLECGSIHLFHQDLPLSIQEA  
YQLLLTDHTVTFLLQYQVFSHLKKGYYVRRFQPSSVLSPIYERQLNLDASVQHLEDGDGKRKRSSSSPRSI  
NKKAKALDNSLQPKSLAASSPPPCSQPSQCPEEKQEISSPMKGGPFQLLGSLGSPGPAREGVGCSWE  
SGRAENGVGTGAGKRRWNFEQISFPNMA SDSRHTLLRAPAPPELLPANVAGRETDAESWCQKLNQRKENLSR  
REREHAEAAQFQEDVNADPEVQRCSSWREYKELLQRRQVQRSQRRAPHLWGQPVTLLSPGQASSPAVV  
LQHISVLQTTHTLPDGGVRLLEKSGGLEIIFDVYQADAVATFRKNNPGKPYARMCISGFDEPVPDLCSLKR  
LSYQSGDVPLIFALVDHGDISFYFRDFTLQDVGH

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_997229</u>
RefSeq Size:	1970
RefSeq ORF:	1578



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**Synonyms:** PCH2A; PCH4; PCH5; sen54; SEN54L

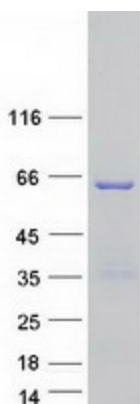
**Locus ID:** 283989

**UniProt ID:** [Q7Z6J9](#)

**Cytogenetics:** 17q25.1

**Summary:** This gene encodes a subunit of the tRNA splicing endonuclease complex, which catalyzes the removal of introns from precursor tRNAs. The complex is also implicated in pre-mRNA 3-prime end processing. Mutations in this gene result in pontocerebellar hypoplasia type 2. [provided by RefSeq, Oct 2009]

### Product images:



Coomassie blue staining of purified TSEN54 protein (Cat# [TP308425]). The protein was produced from HEK293T cells transfected with TSEN54 cDNA clone (Cat# [RC208425]) using MegaTran 2.0 (Cat# [TT210002]).